



4G LTE Security Camera User Manual

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices). Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference
- 2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

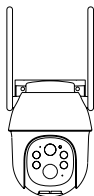
The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

(FCC ID: 2AYJN-DX20X)

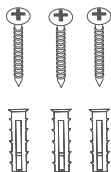
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What's in the Box



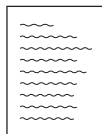
Camera × 1



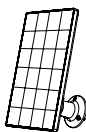
Camera screw
bag × 1



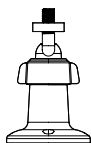
Camera charging
cable × 1



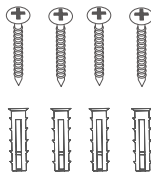
Quick start
guide × 1



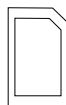
Solar panel × 1



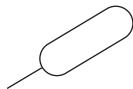
Solar panel
bracket × 1



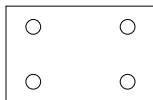
Solar panel screw
package × 1



SIM card × 1



Card removal
tweezers × 1



SIM card manual × 1

Important Instructions Before Using

- ① Although every effort is made to make the manuals complete and accurate, there may be some discrepancies due to product updates.
- ② Please insert or pull out the SIM card only when the camera is turned off.
- ③ In order to ensure that the camera can obtain a good mobile network, it is recommended that you use the SIM card that comes with the camera.
- ④ The SIM card that comes with the camera only provides 100M of data for free. Please add the data plan in the APP in time after adding the camera successfully.
- ⑤ To ensure the continuous use of the camera, please ensure that the SIM card has sufficient data, and continue to supplement the data plan for the SIM card.
- ⑥ The camera is specially designed for motion detection and does not support 24/7 video streaming and recording.
- ⑦ In order to ensure the battery life, it is not recommended to point the camera directly at the road or in a place with a lot of people/vehicles.

Choice SIM card

A SIM card is included in the camera box, and this card supports the major carrier networks in your country.

It has the advantages of easy installation and use, fast and convenient data recharge, strong network compatibility, strong 4G signal, strong compatibility with the camera, no need to sign an agreement with the operator, etc. It is recommended for you to use it.

Note: This SIM card is only compatible with this camera, please do not insert it into a smartphone or other electronic products.

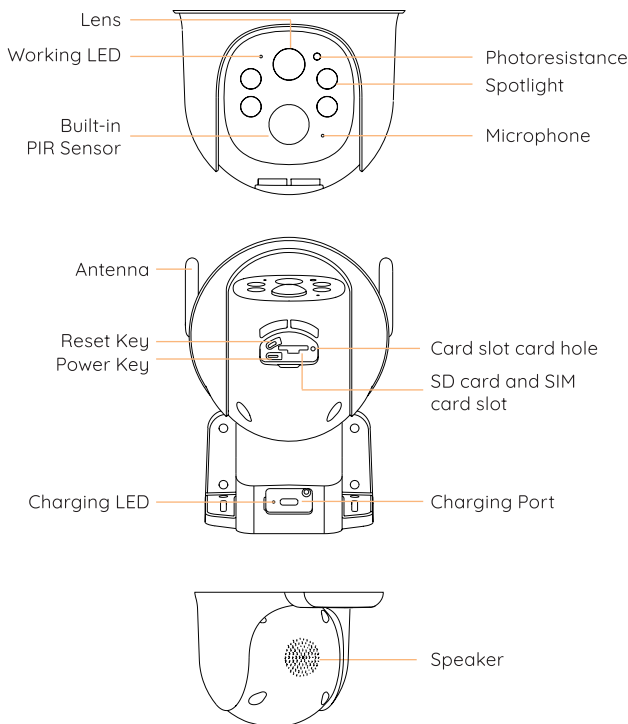
If you need to configure a SIM card of a local operator, please refer to the following list to choose:

Countries	Recommended Carriers	3/4G Frequency Bands Supported by the Camera
United States	Verizon/AT&T/T-Mobile	LTE-FDD: B2/B4/B5/B12/ B13/B14/B66/B71 WCDMA: B2/B4/B5
United Kingdom	O2/Vodafone/EE/Three	LTE-FDD: B1/B3/B5/B7/B8/ B20/B28 LTE-TDD: B38/B40 WCDMA: B1/B5/B8
Germany	Telekom/Vodafone/Telefónica	
France	Orange/Bouygue/SFR/Free	
Spain	Vodafone/Orange/Movistar	
Italy	Vodafone/TIM/WindTre/Iliad	
Other Countries of Europe	Choose from local mainstream operators	

Note:

- The camera does not guarantee the compatibility of the SIM cards of carriers other than those listed in the above list, please choose carefully. The camera only uses data traffic and will not use services such as calls/texts.
- Some cards have a PIN code that you can disable first with your smartphone. Do not insert an IOT or M2M SIM card into your smartphone.
- Cameras purchased in this country cannot be used in other countries because of different 4G frequency bands. Cameras purchased in Europe are supported by the countries marked on the SIM card manual.

Camera Introduction



Power Key	Press and hold the power button for 5 seconds to turn on the camera
Reset Key	Press and hold RESET for 5 seconds to reset the device (If you have modified the settings, they will revert to the factory default settings)
SD Card Slot	Support local SD card storage (up to 128G)
SIM Card Slot	Support Nano SIM Card
Power Light	Red means charging is in progress Blue means charging is complete
PIR Sensor	Can detect moving objects up to 10 meters away
Working Status Light	Red light continuously on: camera network abnormal Red light flashing : waiting for network connection Red and blue lights flash alternately: SIM card recognition failed Blue light flashing slowly: SIM card recognition is successful
Charge Port	Use 5V/2A power supply to charge the camera

Download and Register APP

Download " BoifunCam" APP

Search "BoifunCam" in App Store or Google Play, or scan the QR code below to download and install it on your smartphone.



Note: For old users, please update the APP to the latest version.

Note: A very small number of mobile phone models may not be compatible with BoifunCam. We apologize for any inconvenience this may cause. If you encounter this situation, could you please send us your phone model by email? Our email address is admin@boifun.net. We will optimize the software in time, and we have prepared a backup software "CloudEdge" for you, which you can download and use from the Google Store or Apple Store. We would greatly appreciate your understanding and kindness!

APP Permission Settings

When using the application for the first time, please turn on the following 2 permissions.

- ① Allow "BoifunCam" to access mobile cellular data and WLAN, otherwise you will not be able to add devices.
- ② Allow "BoifunCam" to receive messages, otherwise the phone will not receive alert push notifications when motion detection or audible alerts are triggered.

The following is a screenshot of IOS cell phone operation, Android cell phone permissions open method is basically the same as this method.

Register Account

New users must register by email, the concrete steps are as follows:

1. Click on "Register";
2. Follow the steps to complete your account registration;
3. Login.

Tip:

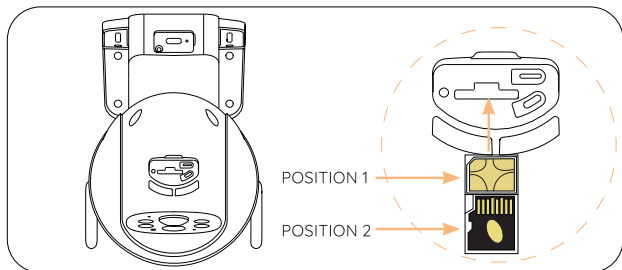
- ① Please use the correct e-mail.
- ② Please select the correct country code.
- ③ When registering for a new account, please select the region where you are actually located. (Cameras cannot be shared between different registration regions.)

Insert the SIM Card

The SIM card slot is located in the rubber cover under the camera lens, please remove the rubber cover first.

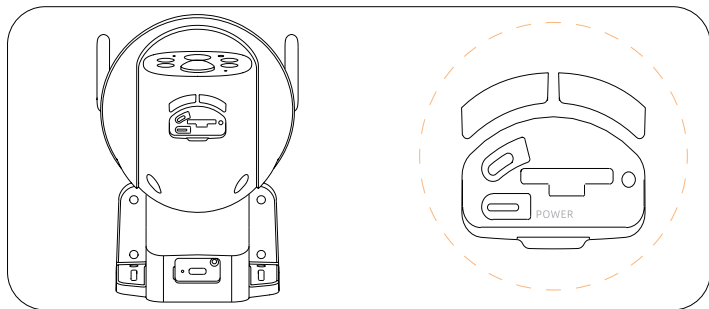
First, put the SIM card in position 1 and the SD card in position 2. When choosing the Nano SIM card and SD card to insert into the card slot, please remember: the side with the gold contacts is facing up, and you need to push the trimmed notch into the SIM card slot and press it all the way in.

Note: Do not insert the SIM card into the card slot backwards. It will cause the SIM card not to be recognized, and the SIM card will be stuck inside and cannot be pulled out.



Power On the Camera

After inserting the SIM card, press and hold the power button of the camera for 5 seconds until the working indicator on the side of the lens lights up in red, then let go. Wait for about 30 seconds until the working indicator turns blue light flashing, you will hear the voice prompt "Waiting to connect", which means the camera has successfully connected to the 4G network, and the next step is to add the camera in the APP.



Solve the failure to add a camera on the phone

Add failed? Please refer to the following to resolve the issues:

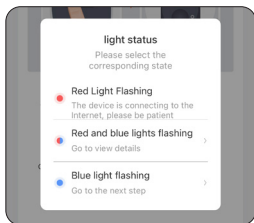
Camera voice prompt	Working light status	Camera status	Solutions
Wait for connection timeout	Indicator light off	If the network is not configured for a long time, the device will automatically sleep	Press the power button to restart
SIM card not found	The red and blue lights flash alternately and then turn off	The camera does not recognize this SIM card	Check whether the SIM card is inserted in the correct direction 2. Check whether the SIM card is not fully inserted, and reinsert it
SIM card cannot be used	Red and blue lights flash alternately	Camera cannot register to carrier network	<ol style="list-style-type: none"> 1. Please check whether the SIM card has a PIN code, insert the SIM card into the mobile phone and disable the PIN (do not insert the camera's own SIM card into the mobile phone). 2. Check whether your SIM card has been activated, if not, please contact the operator to activate the SIM card (the camera comes with a SIM card, please contact the brand's customer service staff). 3. Check if your SIM card data is sufficient 4. The signal may be weak at the current location, please move the camera to a position with better signal.
No LTE signal	Red light keeps flashing	SIM card has no data plan or 4G signal difference	<ol style="list-style-type: none"> 1. Please check if your SIM card's data plan is available 2. The current 4G signal is weak, please move the camera to a better signal location, or replace the SIM card
APN not matched	Red and blue lights flash alternately	The camera is not compatible with the APN of the SIM card	Please import the APN of the SIM card into the camera in the APP (for details, please refer to the following content)

Note: If you try to add a camera several times and still fail, please message your order and problem to admin@boifun.net

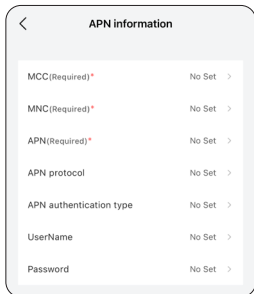
APN Settings

Only using the local SIM card, there is a probability that the APN cannot be recognized. You need to manually import APN information to the camera

- ① When the camera plays the voice of "Unrecognized APN", add a page of "4G camera" in the APP, click "Blinking red and blue lights" → select "Enter current SIM card APN information" to enter the APN setting page.



- ② Just enter the corresponding information in the first three columns "MCC", "MNC" and "APN". If you do not know the APN information of the SIM card, please consult the card operator for assistance. Or insert the SIM card into the smart phone and obtain APN information in the phone system.

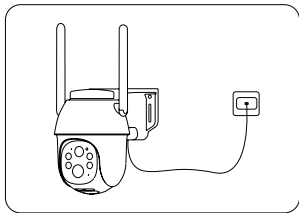


After successfully importing the APN, please re-add the 4G camera.

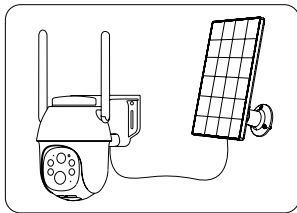
Charge the Camera

It is recommended to fully charge the camera battery before installing the camera outdoors.

Charge the camera with a standard and high-quality 5V power adapter (not included).



Use the solar panel to charge the camera.



Charging indicator (at the left of the Charging Port):

Red LED: Charging

Blue LED: Charging completed

Note: For better weather resistance, insert the charging port of the solar panel into the rubber plug, and the rubber plug fully covers the charging port.

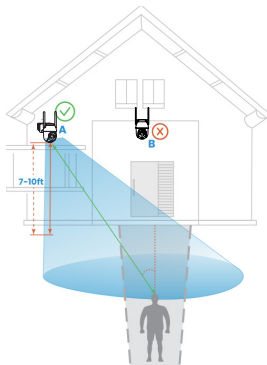
Safety Reminder: Do not use a non-5V power adapter to charge the camera, and do not charge near fire and heaters. If the battery emits odor, heat, deformation and other abnormal conditions during the charging process, please stop charging or use it immediately.

Install the Camera

Notes before installation:

- Install the camera 2-3 meters (7-10 ft) above ground. The detection range of the motion sensor would be maximized at such a height.
- For effective motion detection, please install the camera angularly.

NOTE: If a moving object approaches the PIR sensor vertically, the camera may fail to detect motion.



PIR Sensor Detection Range

The PIR detection range can be customized to meet your specific needs. You may refer to the following table to set it up in Device Settings via **BoifunCam App**.

Sensitivity	Detection Distance (For moving and living objects)
Level 1-3 (Low)	Up to 3-5 meters
Level 4-7 (Med)	Up to 5-7 meters
Level 8-10 (High)	Up to 7-10 meters

FAQs

For more detailed FAQs, please log in the APP, "Me"->"Help"->"4G Camera".

Q: The camera cannot be turned on?

A: ① Make sure the camera is fully charged. Please use the 5V power adapter to fully charge the camera before turning it on.
② If the camera is faulty or water has entered, please contact the customer service staff of the brand manufacturer for help.

Q: Failed to add camera?

A: Please go back to page 7 to find solutions, or contact the customer service personnel of the brand for help.

Q: After the first use for a period of time, the camera fails to connect to the internet?

A: ① If you use the SIM card that comes with the camera, only a 100M data plan will be given for free. To avoid running out of data, please replenish the data plan in the APP in time.
② Please check whether the SIM card data plan is normal, such as arrears, excessive data usage, etc., and regularly supplement the data plan for the SIM card.
③ Please check whether the 4G network signal around the camera is good, and avoid signal interference around.
④ Check whether the SIM card is loose.

Q: The camera drops frequently and cannot be connected?

A: ① Please check whether the 4G network signal around the camera is good, and

avoid signal interference around.

② Check whether the SIM card is loose.

③ Check whether the 4G network of your SIM card operator covers the installation location of the camera. It is recommended to try the SIM card that comes with the camera.

Q: Can't the mobile phone receive the alarm push message?

A: ① Check whether the message push permission of the app has been enabled in the system settings of the mobile phone.

② Restart the phone, and the Android phone will try to clear the cache.

③ Check whether the camera has the motion detection function enabled.

④ Check whether the network of the camera and mobile phone is good.

⑤ Check whether the camera is online, and check whether the SIM card data plan is normal, such as arrears, excessive data usage, etc.

Q: Motion detection missed alarm?

A: ① Increase the motion detection sensitivity of the camera.

② Please install the camera correctly to prevent intruders from walking vertically to the camera. (For the solution, please refer to the text of "Installing the Camera" in the manual).

③ If you need to detect vehicles or animals, please turn off the "AI humanoid detection" function.

Q: Can the camera connect to Wi-Fi?

A: Wi-Fi is not supported, only 4G network is supported.

Q: How much data does the camera consume per month?

A: The traffic consumed by the camera depends on the resolution you select when viewing. The higher the resolution, the greater the traffic consumption. The longer the preview video and video playback time, the greater the data consumption. The more times the PIR sensor is triggered, the greater the flow digestion. We recommend that you subscribe to a 2-4G/month data plan package.

Q: The subscription data plan package does not take effect, or do I need to transfer the package and refund the fee?

A: ① If you use the camera's own SIM card, please contact the customer service staff of the camera's brand manufacturer for help.

② If using a local SIM card, please contact the operator for assistance.

If you tried all steps, but still no luck, please message your order and problem to

admin@boifun.net



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Vous êtes responsable de remettre
tous les appareils électriques et
électroniques usagés à des points
de collecte correspondants.

Pour en savoir plus :
www.quefairedemesdechets.fr



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ÉTUI



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Les piles
et batteries
se recyclent

À DÉPOSER
EN MAGASIN



OU

À DÉPOSER
EN DÉCHÈTERIE



Points de collecte sur www.quefairedemesdechets.fr

Manufacturer: Langshixing Electronic(Shenzhen)
Co.,Ltd
2/ F, Building A6, Junye Industrial Park, Tangtou
Community, Shiyao Street, Baoan District, Shenzhen,
GuangDong, China

Made in China



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